



Xilinx



### XC9536XL-7CS48I

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | XC9536XL-7CS48I                                                                                                      |
| Manufacturer/Brand: | Xilinx                                                                                                               |
| Product description | IC CPLD 36MC 7.5NS 48CSBGA                                                                                           |
|                     |  1.XC9536XL-7CS48I.pdf              |
|                     |  2.XC9536XL-7CS48I.pdf              |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

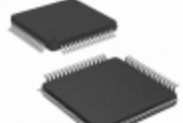
#### Specifications of XC9536XL-7CS48I

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XC9536XL-7CS48I                                                                                                                                                                                                        |
| MANUFACTURER                     | Xilinx                                                                                                                                                                                                                 |
| DESCRIPTION                      | IC CPLD 36MC 7.5NS 48CSBGA                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                     |
| DATA SHEET                       |  1.XC9536XL-7CS48I.pdf<br> 2.XC9536XL-7CS48I.pdf |
| VOLTAGE SUPPLY - INTERNAL        | 3 V ~ 3.6 V                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 48-CSBGA (7x7)                                                                                                                                                                                                         |
| SERIES                           | XC9500XL                                                                                                                                                                                                               |
| PROGRAMMABLE TYPE                | In System Programmable (min 10K program/erase cycles)                                                                                                                                                                  |
| PACKAGING                        | Tray                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 48-FBGA, CSPBGA                                                                                                                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                      |
| NUMBER OF MACROCELLS             | 36                                                                                                                                                                                                                     |
| NUMBER OF LOGIC ELEMENTS/BLOCKS  | 2                                                                                                                                                                                                                      |
| NUMBER OF I/O                    | 36                                                                                                                                                                                                                     |
| NUMBER OF GATES                  | 800                                                                                                                                                                                                                    |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                          |
| MANUFACTURER STANDARD LEAD TIME  | 10 Weeks                                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                     |
| DELAY TIME TPD(1) MAX            | 7.5ns                                                                                                                                                                                                                  |

#### Related Tags

|                               |                                    |                            |
|-------------------------------|------------------------------------|----------------------------|
| Xilinx XC9536XL-7CS48I        | XC9536XL-7CS48I Distributor        | XC9536XL-7CS48I Supplier   |
| XC9536XL-7CS48I Price         | XC9536XL-7CS48I Pictures           | XC9536XL-7CS48I Image      |
| XC9536XL-7CS48I PDF Datasheet | XC9536XL-7CS48I Download Datasheet | XC9536XL-7CS48I Datasheet  |
| XC9536XL-7CS48I Stock         | Buy XC9536XL-7CS48I                | Buy Xilinx XC9536XL-7CS48I |
| Xilinx XC9536XL-7CS48I        | Xilinx Supplier                    | Xilinx Distributor         |
| Xilinx XC9536XL-7CS48I        | Xilinx Inc. XC9536XL-7CS48I        |                            |

#### Related Products

|                                                                                                                                                                                                                             |                                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>XC9536XL-7CSG48I</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 36MC 7.5NS 48CSBGA<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>XC9536XL-5VQG44C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 36MC 5NS 44VQFP<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>XC9536XL-5PCG44C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 36MC 5NS 44PLCC<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>XC9536XL-7PCG44C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 36MC 7.5NS 44PLCC<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>XC9536XL-7CSG48C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 36MC 7.5NS 48CSBGA<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>XC9536XL-5VQ44C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 36MC 5NS 44VQFP<br/>In stock: Out stock<br/>RFQ</div>    |
|  <div><b>XC9536XL-7VQ44C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 36MC 7.5NS 44VQFP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>XC9536XL-7CS48C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 36MC 7.5NS 48CSBGA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>XC9536XL-7PC44C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 36MC 7.5NS 44PLCC<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>XC9536XL-5VQ64C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 36MC 5NS 64VQFP<br/>In stock: Out stock<br/>RFQ</div>    |
|  <div><b>XC9536XL-7PCG44I</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 36MC 7.5NS 44PLCC<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>XC9536XL-5VQG64C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 36MC 5NS 64VQFP<br/>In stock: Out stock<br/>RFQ</div>   |